

Amendment to the Claims

1. (Currently amended) An electric wire comprising:
a conductive portion being made of an electric conductive material;
and
a predetermined amount of ~~voids~~ tube holes, being provided in the vicinity of the surface of the conductive portion along lengthwise of the conductive portion.

2. (Currently amended) The electric wire according to claim 1, wherein the conductive portion is made of any one of a metal selected from a group consisting of ~~such as~~ copper, aluminum, iron ~~or~~ and an alloy of them, plastic with dispersed electric conductive particles, ~~such as~~ selected from a group consisting of metal fiber ~~or~~ and carbon black, electric conductive plastic, ~~such as~~ electric conductive polymeric organic substance, ~~or~~ and non-metallic electric conductors.

3. (Currently amended) The electric wire according to claim 1, wherein the cross section of the conductive portion is formed into any shape selected from a group consisting of round, square, rectangular, trapezoid, pentagon, hexagon, octagon ~~or~~ and any the other polygon.

4. (Currently amended) The electric wire according to claim 1, wherein the conductive portion is made of any one of a metal selected from a group consisting of ~~such as~~ copper, aluminum, iron ~~or~~ and an alloy of them, plastic with dispersed electric conductive particles, ~~such as~~ selected from a group consisting of metal fiber ~~or~~ and carbon black, electric conductive plastic, ~~such as~~ electric conductive polymeric

organic substance, ~~or~~ and non-metallic electric conductors, wherein the cross section of the conductive portion is formed into any shape selected from a group consisting of round, square, rectangular, trapezoid, pentagon, hexagon, octagon ~~or~~ and any the other polygon.